Bonsai core (C#)

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Interface layers

Language interface:
C# ↔ Python
       ↔ R
       ↔ MATLAB

Analysis layers:
`Estimator`
`Predictor`
`Tranformer`

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Machine-intelligence algorithms

Video analysis:
Motion sequencing
Behaviour decoding
Interpretable latents

Signal analysis:
Spike detection
LFP extraction
Decoding

Population analysis:
Gaussian LDS
Poisson LDS
HMM
GPFA
svGPFA
LFADS